

Gabriel Marin

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WORK EXPERIENCE

- Software Engineer at **Luxoft**, Bucharest 2022-Present
- Provided better testing tooling to at least 2 teams by developing command line application using C++ and ZeroMQ library for sending/receiving messages over TCP sockets.
 - Increase code coverage by minimum 75% by creating unit tests using Boost library.
 - Aligned codebase in 5 projects according to coding guidelines by refactoring multiple repositories.
- Software Engineer at **Continental**, Sibiu 2021-2022
- Enhanced C code production by working on XML generator using Java and AUTOSAR library.
- System Engineer at **Ministry of Internal Affairs**, Rm.Valcea 2019-2021
- Reduce computer setup by 1+ hour by creating automation scripts.
- Middleware Engineer at **Ministry of Internal Affairs**, Bucharest 2018-2019
- Give access to at least 80 users in Oracle SQL database by changing permissions according to requirements.

OPEN SOURCE

- Curl github.com/curl/curl
- Improved code formatting with 17 new findings by adding check for spaces around ternary operators using Perl.
- Ttyper github.com/maxniederman/ttyper
- Supplied application customization by solving 1 issue and implementing a functionality that permits to change the shape of the corners using Rust.

PROGRAMMING LANGUAGES

C, C++, Go, Rust, Python, Java, Bash, Clojure, Lisp, Erlang, Elixir, Lua, Perl, JavaScript, Assembly, SQL

TOOLS & LIBRARIES

GNU/Linux, Git, Coreutils, Vim, ZeroMQ, Regexp, L^AT_EX, Emacs, Docker, GDB, Boost, Make, CMake, OpenSSL, OpenWrt, HTML/CSS, RabbitMQ, Valgrind, FlatBuffers, Hugo, Terraform, Django

EDUCATION

- Master's Degree in Telecommunications Engineering 2018-2020
Military Technical Academy, Bucharest
- Bachelor's Degree in Telecommunications Engineering 2014-2018
Military Technical Academy, Bucharest

LANGUAGES

Romanian, English, Italian, French